

# Converting Colors

Hex(E4D990)

Have a look what the booklet for  
Hex(E4D990) contains.

<b>Hex(E4D990)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E4D990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4D990
RGB	228, 217, 144
RGB Percent	89%, 85%, 56%
CMY	0.1059, 0.1490, 0.4353
CMYK	0.00, 0.05, 0.37, 0.11
HSL	52°, 61%, 73%
HSV	52°, 37%, 89%
XYZ	61.8418, 68.1333, 36.2772
YIQ	211.9670, 29.9890, -20.3710

# Conversions

## Conversions Part 2

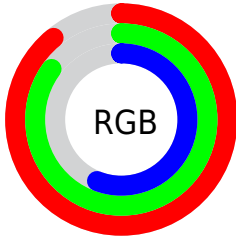
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 228, 144
Decimal	14997904
CIELab	86.07, -6.71, 37.34
CIELCh	86, 37.935, 100.184
Yxy	68.1333, 0.3720, 0.4098
Android (android.graphics.Color)	4293187984 (0xFFE4D990)
YUV	211.9670, -33.5077, 14.0609
Hunter-Lab	82.5429, -10.7164, 31.7224

# Details

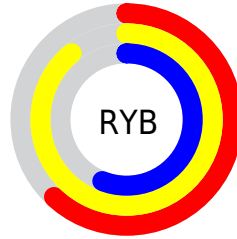
The Hex color **E4D990** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **909BE4**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFC7**, and **ABA25C** is the 20% darker color. If you saturate the color by 10%, you get **E4D679**, and if you desaturate by 10%, it is **E4DCA7**.

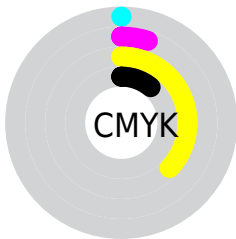
# Distribution



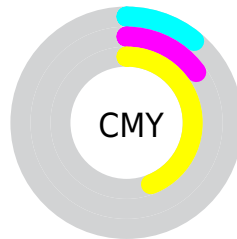
- Red (89%)
- Green (85%)
- Blue (56%)



- Red (62%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (5%)
- Yellow (37%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4D990 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E4D990 by changing the saturation by 10% instead.



 E4D990

 E4D990

FFFFFF

 C7BD76

 FFFFC7

 ABA25C

 FFFF E3

 908844

 756F2C

 5B5713

 423F00

 2A2A00

 101600

 000000

 E4D990

 E4D990

 E4D679

 E4DCA7

 E4D362

 E4DFBE

 E4D04C

 E4E2D4

 E4CD35

 E4E5EB

 E4CA1E

 E4E8FF

 E4C707

 E4EBFF

 E4C600

 E4EEFF

 E4F1FF

 E4F4FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFCD94



E4D990



BCE39F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E4D990



60E9FF



FFBFF1

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E4D990



909BE4

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



ECCAFF



E4D990



84E2FF

# Square

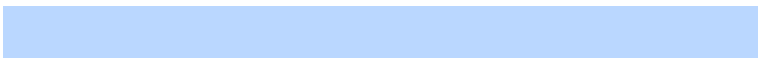
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E4D990



6BEBE3



BAD7FF



FFBCCC

# Rectangle

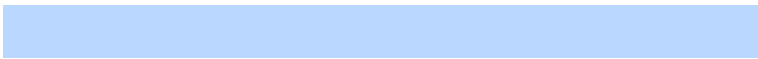
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E4D990



A0E8B2



BAD7FF



FFC2FC



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



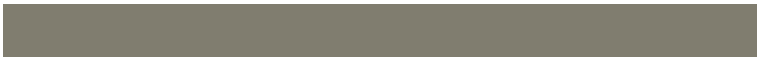
E4D990



FFFBE3



E4909B



807D6F



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E4D990



FFF08F



C5E490



737167



B39B00



332C00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



909BE4



8F9DFF



AF90E4



676973



0017B3

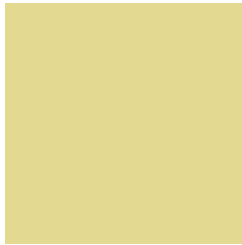


000733



# Previews

## White Background



This preview shows how the Hex color E4D990 looks on a white background.

## Color Contrast Check

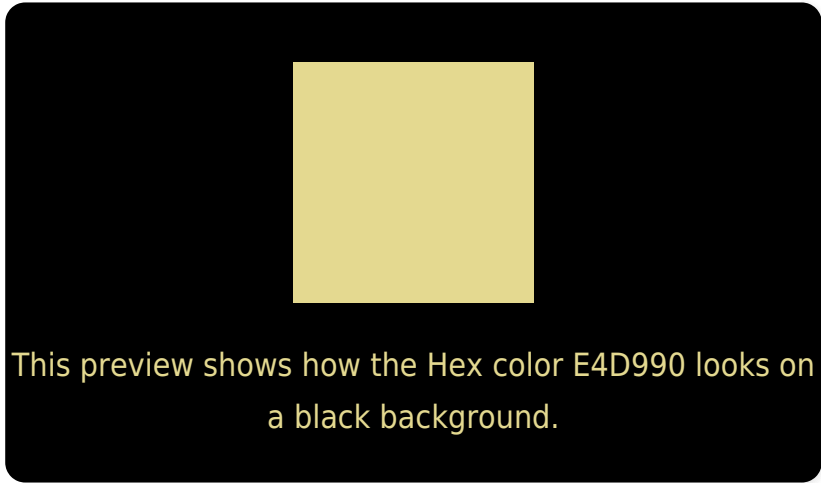
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

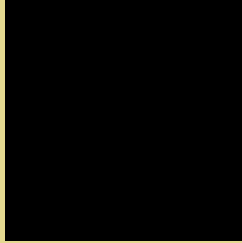
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4D990 Background



This preview shows how black text looks on a background with the Hex color E4D990.

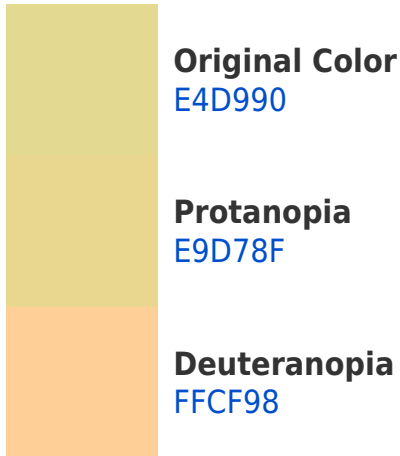


This preview shows how white text looks on a background with the Hex color E4D990.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4D990 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E4D990 looks like.

```
.text, #text, p{  
    color:#E4D990  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E4D990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4D990
}
```

## Border

The CSS property to change the border of an element to Hex E4D990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E4D990 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E4D990 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E4D990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4D990; -webkit-box-shadow:4px 4px  
4px 4px #E4D990; box-shadow:4px 4px 4px  
4px #E4D990 }
```

# Background

The CSS property to change the background color of an element to Hex E4D990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4D990 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E4D990 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor